Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	(wireless and cellular or mobile) and (orthogonal adj2 branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:47
L2 .	600	(wireless and cellular or mobile) and (updat\$4 or patch\$4 or upgrad\$4) same (orthogonal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/12/22 17:47
L4	69	(wireless and cellular or mobile) same ((updat\$4 or patch\$4 or upgrad\$4) same (orthogonal ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 20:59
L6	1	("6879294").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 19:21
L8	400	713/151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 20:59
S1	1	10/629104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:50
52	1	("4200770").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 21:44
S3	326	("4200770").URPN.	USPAT	OR	ON	2006/12/20 07:14
S4	49	(S2 or S3) and (patch\$4 or upgrad\$4)	USPAT	OR	ON	2006/12/05 21:52
S6	20	(S2 or S3) and (patch\$4 or upgrad\$4) same key	USPAT	OR	ON	2006/12/05 21:52
S7	9	(S2 or S3) and (patch\$4) same key	USPAT	OR	ON	2006/12/05 21:39
58	172	713/191.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:31

S9	3	(("6,199,204") or ("5,930,504") or ("5, 231,668")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 21:52
S10	. 2	S9 and (patch\$4 or upgrad\$4)	USPAT	OR ·	ON	2006/12/05 21:52
S11	1	S9 and (patch\$4 or upgrad\$4) same key	USPAT	OR	ON	2006/12/05 21:53
S12	14	S8 and (patch\$4 or upgrad\$4) same key	USPAT	OR	ON	2006/12/06 18:03
S13	2	713/191.ccls. and (patch\$4 or upgrad\$4 or updat\$4) same (span\$7) same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 08:24
S14	6	("5715390"   "5771287"   "5774551"   "5844986"   "6009177"   "6212635"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 08:26
S18	200	((patch\$4 or upgrad\$4 or updat\$4) with (key or software)) and (spanning near2 tree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:34
S20	9	((patch\$4 or upgrad\$4 or updat\$4) with (key or software)) and (spanning near2 tree) and ("713"/.ccls. or "380"/.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/12/06 11:01
S22	1	((Huang near2 Jian) and (Wong nea2 Chin near2 Pan) and (Miller near2 Jianping)).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:19
S23	. 409	((Huang near2 Jian) or ( Wong nea2 Chin near2 Pan) or ( Miller near2 Jianping )).inv. and motorola	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:19
S24	3	((Huang near2 Jian) or (Wong nea2 Chin near2 Pan) or (Miller near2 Jianping)).inv. and motorola and "713"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:20
S25	4	(("20040205360") or ("20050216764") or ("6832373") or ("4200770")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:55

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S26	6	(("20040205360") or ("20050216764") or ("6832373") or ("4200770") or ("5796942") or ("5991881")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:58
S27	326	("4200770").URPN.	USPAT	OR	ON	2006/12/06 11:01
S29	71	((patch\$4 or upgrad\$4 or updat\$4) with (key or software)) and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 11:02
S30	7	((patch\$4) with (key or software)) and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 11:02
S33	172	713/191.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 18:30
S34	32	S33 and (patch\$4 or upgrad\$4 or updat\$4) same key	USPAT	OR	ON	2006/12/06 18:37
S36	368	(spanning adj2 tree) and ((patch\$4 or upgrad\$4 or updat\$4) with (software or key or data))	USPAT	OR	ON	2006/12/06 18:38
S37	74	(spanning adj2 tree) and ((patch\$4 or upgrad\$4 or updat\$4) with (software or key ))	USPAT	OR	ON	2006/12/06 18:39
S38	18	(spanning adj2 tree) and ((patch\$4 or upgrad\$4 or updat\$4) with (software or key )) and repository	USPAT	OR	ON	2006/12/06 18:58
S39	6	(spanning adj2 tree) and ((patch\$4 or upgrad\$4 or updat\$4) with (software or key )) and (dense\$4)	USPAT	OR	ON	2006/12/06 18:59
S40	2	"densely deployed wireless sensor networks" and (upgrad\$4 or update\$4 or patch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 08:27
S41	150	"wireless sensor networks" and (upgrad\$4 or update\$4 or patch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/12/18 08:28

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S42	4	"wireless sensor networks" same (software with (upgrad\$4 or update\$4 or patch\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 08:33
S43	4	(("6,940,403") or ("6,930,596") or ("6, 914,533") or ("6,873,256")).PN.	US-PGPUB; USPAT	OR	OFF '	2006/12/18 08:32
S44	31	"wireless sensor networks" same ( (upgrad\$4 or update\$4 or patch\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:36
S45	7	"wireless sensor networks" same ( (upgrad\$4 or update\$4 or patch\$4)) and span\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 08:34
S49	2	deluge and (wireless with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:25
S50	33	security same (wireless adj2 sensor adj2 network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:26
S51	9	security same (wireless adj2 sensor adj2 network) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:31
S52		security same (wireless adj2 sensor adj2 network) and (upgrad\$4 or update\$4 or patch\$4) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:31
S53	150	"wireless sensor networks" and ( (upgrad\$4 or update\$4 or patch\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:37

S54	34	"wireless sensor networks" and ( (upgrad\$4 or update\$4 or patch\$4)) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 07:15
S56	1	"wireless sensor networks" and root and ((upgrad\$4 or update\$4 or patch\$4)) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 09:38
S57	2	(("20040205360") or ("20050216764")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/18 10:14
S58	15	(zheng near2 yuliang).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 10:15
S59	5	(zheng near2 yuliang).inv. and (updat\$4 or patch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 10:53
S61	172	713/191.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 07:15
S66	1	("6463534").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 07:45
S67	1	("6760908").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 07:51
S68	1	("7051236").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 07:53
S69	1	("6970565").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 07:59
S71	9	("5319673"   "5485485"   "5592471"   "5699275"   "5794138"   "5870390"   "5901225"   "6199204"   "6247168"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:00

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S72	350	((mobile or wireless or cellular adj2 network) and (upgrad\$4 or update\$4 or patch\$4)) and (spanning near2 tree) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 08:25
S73	61	((mobile or wireless or cellular adj2 network) and (distributed same (upgrad\$4 or update\$4 or patch\$4))) and (spanning near2 tree) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON ·	2006/12/19 08:26
S74	47	((mobile or wireless or cellular) with network) and (distributed same (upgrad\$4 or update\$4 or patch\$4)) and (spanning near2 tree) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 08:32
S75	165	((mobile or wireless or cellular) with network) and (distributed same (upgrad\$4 or update\$4 or patch\$4)) and ((shortest adj2 path) or (spanning near2 tree)) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 08:35
S76	4	((mobile or wireless or cellular) with network) and (distributed same (patch\$4)) and ((shortest adj2 path) or (spanning near2 tree)) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/12/19 08:36
S77	112	(patch\$4 adj2 key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:50
S78	1	(patch\$4 adj2 key) same (diffie\$1hellman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:50
S79	1	(patch\$4 adj2 key) and (diffie\$1hellman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:51

S80	190	((patch\$4 updat\$4 upgrad\$4) adj2 key) and (diffie\$1hellman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:51
S81	150	((patch\$4 updat\$4 upgrad\$4) adj2 key) and (diffie\$1hellman) and (wireless or mobile or cellular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:52
S82	80	((patch\$4 updat\$4 upgrad\$4) adj2 key) and (diffie\$1hellman) and (wireless or mobile or cellular) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 10:01
S83	71	((patch update upgrade) adj2 key) and (diffie\$1hellman) and (wireless or mobile or cellular) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:58
S85	7	((patch\$4)) same (diffie\$1hellman) and (wireless or mobile or cellular) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 09:59
S86	117	((patch\$4 updat\$4 upgrad\$4) with (software program)) and (diffie\$1hellman) and (wireless or mobile or cellular) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:52
S88	49	((patch\$4 updat\$4 upgrad\$4) adj2 (software program)) and (diffie\$1hellman) and (wireless or mobile or cellular) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 10:02
S89	12	("4200770").URPN. and (software near2 (updat\$4 or upgrad\$4 or patch\$4))	USPAT	OR	ON	2006/12/20 07:16
S90	. 3	("4200770").URPN. and (software near2 (updat\$4 or upgrad\$4 or patch\$4)) and wireless	USPAT	OR	ON	2006/12/20 07:16

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S91	1	((software adj2 (updat\$4 or patch\$4 or upgrad\$4)) with key) same (diffie\$1hellman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:09
S92	15	((software adj2 (updat\$4 or patch\$4 or upgrad\$4)) with key) and (diffie\$1hellman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:09
\$93	11	((patch\$4 updat\$4 upgrad\$4) with (software program)) and (diffie\$1hellman) and (wireless or mobile or cellular) and (orthogonal) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:23
S94	1	("5956408").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/20 10:07
S95	2	((patch\$4 updat\$4 upgrad\$4 install\$6) with (software program)) and (orthogonal near2 branches) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:25
S96	66	((patch\$4 updat\$4 upgrad\$4 install\$6) ) and (orthogonal near2 branches) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:25
S97	4	((patch\$4 updat\$4 upgrad\$4 install\$6) ) same wireless and (orthogonal near2 branches) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:26
S98	15	((patch\$4 updat\$4 upgrad\$4 install\$6) ) and wireless and (orthogonal near2 branches) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:34
S99	4	((patch\$4 updat\$4 upgrad\$4 install\$6) ) and (parallel with (orthogonal near2 branches)) and @ad<"20030701"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 07:35

S10	66	((patch\$4 updat\$4 upgrad\$4 install\$6)	US-PGPUB;	OR	ON	2006/12/21 07:36
0		) and ( (orthogonal near2 branches))	USPAT;			
		and @ad<"20030701"	USOCR;			
			EPO; JPO;			
			DERWENT;			
			IBM_TDB			